

Message Text

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ACTION OES-07

INFO OCT-01 EA-12 ISO-00 FEA-01 ACDA-10 CIAE-00 INR-07

IO-14 L-03 NSAE-00 NSC-05 EB-08 NRC-07 DODE-00

SS-15 SP-02 /092 W

-----114818 200633Z /12

R 190843Z AUG 77

FM AMEMBASSY TOKYO

TO ERDA GERMANTOWN

ERDA WASHDC

INFO SECSTATE WASHDC 0337

UNCLAS TOKYO 12683

URANIUM ENRICHMENT PLANT

E.O. 11652: N/A

TAGS: TECH, JA

SUBJECT: ERDA TOKYO OFFICE ITEMS POSSIBLE INTEREST, AUG 6-19, 1977

1. GROUNDBREAKING CEREMONY FOR PNC URANIUM ENRICHMENT PILOT PLANT WAS HELD AT NINGYO PASS URANIUM REFINERY AUG 11. CENTRIFUGE BUILDING CONSTRUCTION TO START NEXT SPRING. OPERATION WITH 1000 CENTRIFUGES TO START IN 1979, 3000 MORE IN 1980, AND 3000 MORE IN 1981. 7000-CENTRIFUGE OPERATION TO PRODUCE ABOUT 10-TON SWU 3-PERCENT ENRICHED URANIUM PER YEAR. STA DDIRECTOR GENERAL UNO ATTENDED CEREMONY. AT CEREMONY AND LOCAL PRESS CONFERENCE, UNO STRESSED IMPORTANCE OF NUCLEAR ENERGY AS ALTERNATIVE TO OIL AND NEED FOR NUCLEAR FUEL CYCLE ESTABLISHMENT.

2. STATUS HAMAOKA-2

CONSTRUCTION OF CHUBU HAMAOKA (840 MWE BWR) 87 PERCENT COMPLETE. PLANT EXPECTED TO START COMMERCIAL OPERATION SEPT. 1978. ONE-MONTH VIBRATION TEST CONDUCTED ON REACTOR BUILDING WITH THREE 150-TON VIBRATION MACHINES TO VERIFY ASEISMIC DESIGN.

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DATA TO BE ANALYZED UNTIL YEAR END.

3. RASMUSSEN APPROACH UNDER STUDH FOR BWR SAFETY

ASSESSMENT

BWR USERS IN JAPAN--JAPCO, TOKYO, CHUBU, CHUGOKU, TOHOKU, HOKURIKI--BEGAN JOINT STUDIES ONSAFETY ASSESSMENT BY RASMUSSEN-INITIATED PROBABILITY APPROACH

COUPLED WITH CONSIDERATION ON CONDITIONS PECULIAR TO JAPAN, E.G. SEISMOLOGY, METEOROLOGY AND POPULATION DENSITY. RESULTS OF STUDIES TO BE EVALUATED BY ENERGY INCORPORATED (EI), IDAHO. CONTRACT CONCLUDED BETWEEN TOKYO ON BEHALF OF BWR USERS AND SUMITOMO SHOJI AS EI AGENT.

4. HEAVY WATER PURIFICATION FOR ATR

PNC ORDERED HEAVY WATER PURIFICATION SYSTEM FOR PROTO-TYPE ATR FUGEN FROM SHOWA DENKO COMPANY. CAPACITY 5 TONS PER DAY. CONSTRUCTION TO START OCTOBER 1977 WITH COMPLETION LATE 1978. HITACHI AND NIIGATA ENGINEERING COMPANY TO COOPERATE. SHOWA DENKO WILL UTILIZE ITS ELECTROLYSIS TECHNIQUE WHICH WAS COMPLETED IN 1961 FOR FINAL STAGE OF HEAVY ATER PRODUCTION.

5. INMM-JAPAN

INMM OPENED ITS JAPAN CHAPTER IN NUCLEAR MATERIALS CONTROL CENTER (NMC) HEAD OFFICE IN TOKYO AUG 9 TO INCREASE INMM JAPANESE MEMBERS AND ESTABLISH CLOSER RELATIONS BETWEEN US AND JAPANESE MEMBERS. JAPAN CHAPTER HEADED UP BY NMC MANAGING DIRECTOR YOSHIO KAWASHIMA.

6. INTERNATIOAL PYYSICAL PROTECTION

JAPANESE ECONOMIC DAILY NIHON KEIZAI REPORTED JAPAN UNCLASSIFIED

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EXPECTED TO JOIN INTERNATIONAL CONFERENCE ON PHYSICAL PROTECTION SNM WHICH IS LIKELY TO BE HELD THIS FALL. THE PAPER OBSERVED JAPAN WILL BASICALLY SUPPORT US-PROPOSED IDEA OF INTERNATIONAL AGREEMENT, BUT WILL NEED DOMESTIC COORDINATION SINCE SUCH AGREEMENT LIKELY TO ENTAIL SIGNIFICANT AMENDMENTS TO JAPANESE CRIMINAL CODE.

7. IEA TEAM TO JAPAN

IEA TEAM WILL VISIT JAPAN SEPT 12 THRU 17. ININERARY INCLUDES VISITS TO MITI AND FEDERATION OF UTILITIES TO LEARN JAPANESE ENERGY POLICIES, AND TOUR OF TOKAI-MURA NUCLEAR ESTABLISHMENTS.

MANSFIELD

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NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: CONSTRUCTION, URANIUM, REFINERIES
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Disposition Approved on Date:
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Disposition Comment:
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Disposition History: n/a
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Disposition Remarks:
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Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
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Handling Restrictions: n/a
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Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 2
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Previous Classification: n/a
Previous Handling Restrictions: n/a
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Review Action: RELEASED, APPROVED
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Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 1543032
Secure: OPEN
Status: NATIVE
Subject: ERDA TOKYO OFFICE ITEMS POSSIBLE INTEREST, AUG 6-19, 1977
TAGS: TECH, JA
To: ERDA
Type: TE
vdkvgwkey: odbc://SAS/SAS.dbo.SAS_Docs/17c78457-c288-dd11-92da-001cc4696bcc
Review Markings:
Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
22 May 2009
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009